Pharmacognosy1 (mid exam) اسم الطالب هشام صادق علي عبدة محمد الكسباطي ...

المستوى: الثالث قسم: الصيدلة الجامعة الوطنية اب

Question 1:- determine if these statements true or false and move the answer to table of answer (10 marks)

Q1- Answering table سيتم اعتماد الاجابه الخاصه بالسوال الاول الموجوده في هذا الجدول فقط

1	2	3	4	5	6	7	8	9	10
خ	ت	ت	ت	خ	ت	ت	ت	خ	خ

1. Crude drugs are derived from the mineral and animal kingdom only . (خ)
2. During extraction by percolation method, the ground plant material is subjected to a slow flow of fresh solvent (ت)
3. Tinctures are prepared by extraction of the crude drug with 10-20 % ethanol of varying concentration, without concentration of the final product. (ت)
4. During the collection of medicinal plants; we must considering that the alkaloids of the Solanaceous leaves are higher in the morning than in the afternoon (ت)
5. During drying process to stop the enzymic processes, the water content must be brought down to about 50 % (ع)
6. In order to keep crude drugs as long as possible; It is essential to store them in Stores that protect the drug against insect attack (ت)
7. The ethanol is usually mixed with water as a solvent to prevent swelling of the plant particles (ت)
8. In Morphological classification of drugs for study, plants are classified on the basis of plant part used (ت)
9. Large particles take a shorter time for complete extraction than small ones (خ)
10. Biological factors such as Moisture, heat, air and light can deteriorate the medicinal plant (خ)

phytochemical.

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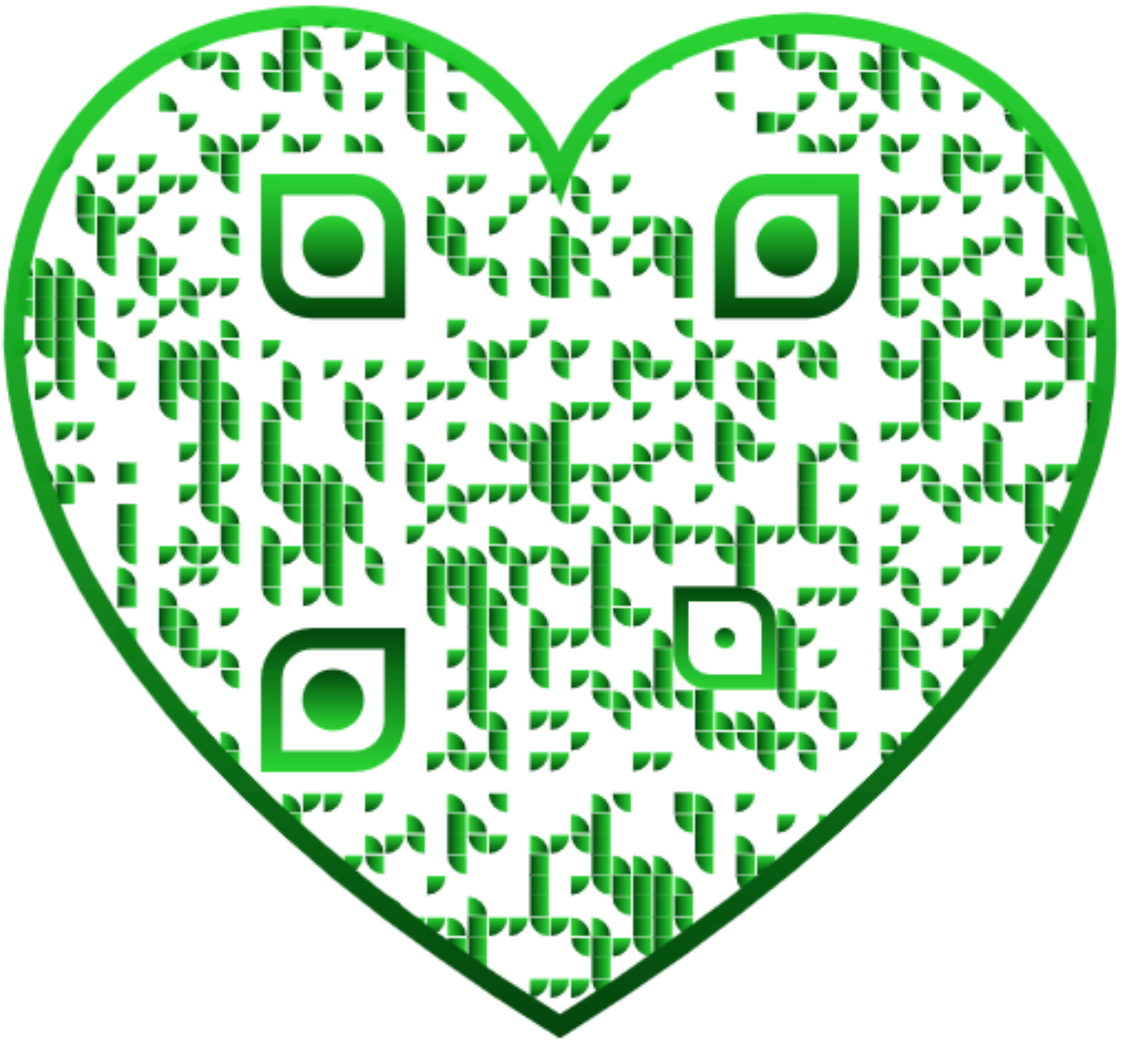

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Question- 2:- /select the appropriate answer then move it to the answering table (10 marks)

Q2- Answering table سيتم اعتماد الاجابه الخاصه بالسؤال الثاني الموجوده في هذا الجدول فقط

1	2	3	4	5	6	7	8	9	10
d	a	c	d	c	c	b	a	b	d

1- The most common method for preserving plant material is drying to .....:

a. To help in their preservation.
b. To fix their constituents,
c. To prevent the growth of micro-organisms such as bacteria and fungi.
d. all of the above

2-This system in classification is very useful in study of crude drugs because it gives logical reasoning for biological activity

a- chemical b- morphlogical c- taxonomical d- pharmacological

3- It means the harvested and usually dried plant or animal sources of pharmaceutically or medicinally useful products before they have undergone extensive processing or modification.

a- Pharmacognosy b- Cultivation c- Crude drugs d- none of the above

4- It is an extraction method of a substance from one liquid phase into another liquid phase, to separate compounds based on their relative solubilities in two different immiscible liquids, usually water and an organic solvent.

a- maceration b- infusion c- hot continuous extraction d- none of the above

5- When the frozen material is placed in an evacuated apparatus which has a cold surface maintained at -60 to -80 °C.

a- chemical drying b- natural drying c- Lyophilization d- None of the above

6- They are prepared by extraction of the crude drug with five to ten parts of ethanol of varying concentration, without concentration of the final product.

a- Soft extracts b- Dry extracts c- Tinctures d- None of the above

7-Moisture, heat, air and light can deteriorate the medicinal plant, these factors known as:

a- Biological factors b- Physiochemical factors c- Chemical factors d- None of the above

8- During grinding of crude drugs, we considering that:

a. small particles take a shorter time for complete extraction than large ones
b. Large differences in particle size thus stopping the extraction process.
c. Hummer mill; is used for production of very fine powders.
d. all of the above

9- During grinding of crude drugs, we considering that:

a. Large particles take a shorter time for complete extraction than small ones
b. Large differences in particle size thus slow down the extraction process.
c. Hummer mill; is used for production of very fine powders.
d. none of the above

10- The specific name is usually chosen to indicate:

a- Some striking characteristics of the plant b- An aromatic plant or certain aroma
c- A Pharmaceutical activity or active constituents d- all of the above

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Question 3:- matching the answer between the following tables A&B and move the answer to the answer table below (10 marks)

Q3- Answering table سيتم اعتماد الاجابه الخاصه بالسوال الثالث الموجوده في هذا الجدول فقط

A	B	C	D	E	F	G	H	I	J
4	6	5	7	10	3	1	9	8	2

TABLE (A)	
A	By knowing that Santonica flowers are rich in santonin, when unexpanded; when it starts to open, the santonin content decreases. This information will help during..... (4)
B	can be defined as preparations of crude drugs which contain all the constituents which are soluble in the solvent used in making the extract (6)
C	It is known as substitution of the original crude drugs partially or fully with other substances which is either free from or inferior in therapeutic and chemical properties. (5)
D	They are prepared with mixtures of water and ethanol as solvent. (7)
E	If the plant material is boiled for ten minutes or if boiling water is poured over it (10)
F	This type of classification does not give idea about chemical-constituents of the plants (3)
G	It is one which is listed and described in a book recognized by the government as the legal authority for standards Pharmacopoeia (1)
H	It is the entire knowledge of drug (9)
I	In this type of evaluation of the drug, it involves both quantitative and qualitative determination of their active principle (8)
J	It is the study of a drug with the help organs of sense (2)

TABLE (B)	
1	Official drug
2	Organoleptic evaluation
3	morphological classification
4	Collection of medicinal plant
5	Adultration
6	Extracts
7	Soft extracts
8	Chemical evaluation
9	Pharmacognosy
10	Decoction

GOOD LUCK

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